



Department of Pesticide Regulation's

AGRICULTURAL PEST CONTROL ADVISORY COMMITTEE

Date: Tues day, July 19, 2005 **Time:** 9:30 a.m. – 12:00pm
Location: Cal EPA Building, 1001 I Street, Training Room East/West, Sacramento, CA 95812

Members Present: (8) Tim Butler – Registrants, Scott Hudson- County Agricultural Commissioner Association, Linda LaVanne- Agricultural Pest Control Advisers, Barbara Todd- Department of Food and Agriculture (Ex-Officio), Ronald Berg- Pest Control Dealers, Mary Louise Flint-UCIPM, Richard Stoltz- Pest Control Aircraft Pilots and Jean La Duc- General Public.

Department Staff: (5) David Duncan- Chair of Committee (Ch), Mac Takeda, John Troiano, Linda Lichtenberger, Rayven Jenkins

Guests: (4) Terry Stark- CAPCA, Terry Gage- California Ag Aircraft Association, Darivi Saseghi – Bio-Check, LLC, Judy Letterman – PAPA, and Elaine Hale – PAPA.

Members Absent: (4)–, George Kaiser – Maintenance Gardener Pest Control Business, David De Silva – Board of Governors of the Community Colleges, Michael Costello-California State University System, and Jeff Phillips- Commercial Applicator Certificate Holders.

Member Vacancies: (2)- Vacant – Pest Control Businesses, Vacant – Producers

AGENDA

9:30-9:35 Introduction of members and others in attendance and review of agenda
David Duncan, Department of Pesticide Regulation (DPR)

9:35-9:40 Review and approval of January 19, 2005 Minutes
Committee approved the minutes without comments or corrections.

9:40-10:00 Report on 2005/06 Licensing renewal, website changes, PCA minimum qualifications update, private applicator form revision
Committee, Mac Takeda, DPR

Renewal:

- Currently 82.2 % of the business licenses and 85.8 % of the individual licenses and certificates have been renewed.
- An information sheet showing time frames and fee structures has been finalized for Pesticide Applicator Professional Association (PAPA), California Agricultural Production Consultants Association CAPCA, and California Agricultural Aircraft Association CAAA to send out to their members.
- A frequently asked question sheet will be included in the renewal packet with the most commonly asked questions. It was suggested that the Q and A information include a note stating that once the license is renewed it will be visible on the Website.
- There will still be a troubleshooter who will watch for errors on the renewals before the technicians receive them.

Website Changes:

- The DPR website has been reformatted with the addition, under license types, of the annual County registration requirements.
- The Licensing contact list has been updated and reinstalled
- If approved, a list of expired business licenses, by county and alpha, will be added to the website.

PCA minimum qualifications:

There was a discussion regarding the 'Most Recent Draft' of the minimum qualifications (MQ) for the PCA. For clarification, Dave Duncan provided a brief description of why DPR wants to make the requirements more flexible and called for a sub-committee motion to approve the document as proposed and incorporate it into a regulatory proposal. The motion was approved and passed by the subcommittee and then by the full committee.

Private applicator form revision:

Mac Takeda handed out the private applicator form for review. At this time the form is not in regulation. Committee had no comments on the revised form.

10:00-10:35 Concept of Chemigation exam for private and commercial applicators

John Troiano, DPR

Dr. John Troiano presented a very clear and interesting PowerPoint slide presentation explaining the concept of Chemigation exam for private and commercial applicators. Chemigation is a method of pesticide application in which pesticides are injected into irrigation water. This method of application requires special backflow prevention equipment to keep the pesticide from contaminating the source of water, such as ground water.

DPR's Environmental Monitoring Branch developed the Chemigation Initiative to better educate CAC staff, DPR Enforcement staff, growers and pesticide applicators about the devices required for chemigation systems and their approved alternatives. The initiative also helps determine whether any additional actions, such as identifying additional backflow prevention options, are needed in California to protect ground water aquifers from contamination by backflow.

Currently, chemigation is specified as a method of application for nearly 30% of the approximately 410 active ingredients contained in registered products in California, and on over 300 separate pesticide products.

Dr. Troiano pointed out that:

1. Chemigation involves technology. DPR wants to be flexible for future technologies.
2. DPR needs to change current Backflow Regulation CCR section 6610. It is obsolete. It was adopted around 1977 when there were little pressurized irrigation systems.
3. DPR should propose a revision of Backflow Regulation CCR section 6610 that is comprehensive, reference about engineering principals and describes choices.
4. Before a pesticide product can be chemigated, the label must indicate that chemigation is an allowed method of application; alternatively to prohibit chemigation labels must state, "Do not apply through an irrigation system". Usually, labels contain instructions on one set of backflow prevention devices. Regulated public should be aware of the alternative devices that exist because many are easier to operate and cheaper than those listed by default on the label.
5. Irrigation systems connected to a public water supply must conform to the backflow prevention measures required by the purveyor.

Observations:

1. Pursue education of applicators involved in chemigation.
2. Who is required to take the chemigation exam?

3. Chemigation should be on CAC PUR form with chemigation box.
4. The exact location of chemigation applications is difficult to track because most pesticides with chemigation labels are not restricted use materials..
5. Need to take more affirmative step towards identifying chemigators.
6. If homemade chemigation systems are out in the field how do we know they work?
7. One way is to say restrict material to all chemicals labeled to indicate that chemigation is allowed.
8. Address a way for inspectors to know what they are looking at when inspecting a chemigation system.

Next Step:

1. Come up with language on how to regulate chemigation practices.
2. Could be part as NRPC and their training program and services educational training manual.

10:50-11:00 (BREAK TBA)

11:00-11:20 Development of sub-categories for fumigation, wood preservation, sewer root control, and maintenance gardener Mac Takeda and David Duncan, DPR

At this time, by policy, Wood Preservation and Sewer Line Root Control are subcategories for the Qualified Applicator License and the Qualified Applicator Certificate. DPR would like to place those subcategories, as well as a Fumigation Category and a maintenance gardener Q Category, into Regulations.

Study guides and Exams must be ready before a new category can be established. Exams for the sub-categories would test special knowledge and equipment needed to work under those sub-categories. The study guide for the Q category will probably be available sometime latter part of this year or early next year. The fumigation category still needs to be developed. The study guides for wood preservation and sewer line root control sub-categories have already been developed and are available.

Fumigation: The CDFA fumigation pamphlet that DPR used as study material has been deemed obsolete. CDFA has asked that DPR not send it out as study material for the residential, Institutional and Industrial and plant agriculture category. CDFA recommended the 800-page USDA fumigation publication. Adolfo is looking through the publication to select the relevant information for our examinations.

Q Category: The new category should motivate more maintenance gardeners to obtain their qualified applicator certificate and maintenance gardener pest control business license because it is easier to read and understand, and pertinent to maintenance gardeners. The examination would be based on the new study guide, which contains both laws and regulations and landscape maintenance information combined into a single document.

11:20-11:30 Study guides and exam update Mary Lou Flint, UC Davis IPM

Qualified Applicator License and Qualified Applicator Certificate study guides

- ❖ The new study guide for the Q Landscape Maintenance – Category Q exam has two chapters up for review. Six more chapters should be ready for review by the end of September 2005. Then, exam questions will follow.
- ❖ The revised study guide for the Residential, Industrial and Institutional – Category A exam for QAL and QAC should be printed by October 1, 2005.

- ❖ The new study guide for the Landscape Maintenance - Category B exam for QAL and QAC has been edited and should be printed by January 2006.
- ❖ There are a lot of projects to do, so UCD Davis is in the process of hiring a compendium writer. Should be on board by September 2, 2005.

Aerial Applicator Study Guide:

An updated outline for the Aerial Applicator Study Guide study guide has been developed. DPR asked for comments from the CAC's regarding types of aircrafts. DPR is working on FAA questions. Many other questions were raised:

- What equipment is needed for the future?
- Can ultra-light craft be used?
- Can remote control aircraft like those used in China and Japan be used?
- How do you consider buffer zones?

11:30-11:40 DPR Rulemaking Calendar

David Duncan, Mac Takeda and Committee

- Continuing Education for Private Applicators: Has a projected notice date of August/September 2005. In the process of putting the documents together with the option for CE hours.
- Licensing for Public Agencies: Regarding regulations specific for those working for public agencies has concluded the public notice date. Only one comment was received. Dave will sign off on the document and it will go to the director, Agency, and the OAL where they have 30 days to respond.
- Pest Control Adviser Minimum Qualifications: With the conclusion of the sub committee report, the completion of the documents package with a statement of reasons will be written and posted to the Website. Once that is done it will take 5 to 6 months to complete.

11:40-11:42 DPR Correction Noted

David Duncan

In a past meeting it was noted that there was 'no comment' to the PAC Continued Education. It should have read "all the APCA Committee members agreed to the proposed continuing education regulatory requirement for private applicators and indicated that DPR proceed in adopting the regulations. David reconfirmed this with the members present.

11:42-11:45 Next agenda and meeting date

Committee

Meeting Date: Nov 30, 2005 (Wednesday)

Time: 9:30 am - 12:30pm

Place: 1001 I street

Training room 1 East and West (First Floor)
Sacramento

Questions about the agenda or adding new agenda items for November 30, 2005 should be directed to David Duncan at (916) 445-3870 or ordduncan@cdpr.ca.gov